SAFETY DATA SHEET
FOAMCHLOR

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name	FOAMCHLOR
Product No.	674
Internal Id	467

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses	Foaming Alkaline Detergent

1.3. Details of the supplier of the safety data sheet

Supplier	IDEAL MANUFACTURING LTD. ATLAS HOUSE, BURTON ROAD FINEDON, WELLINGBOROUGH NORTHANTS. NN9 5HX 01933 681616 24hr Emergency number 0870 19067777 01933 681042 hello@idealmanufacturing.com

1.4. Emergency telephone number

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (1999/45/EEC)	C;R35. N;R50. R31.

2.2. Label elements

Contains: SODIUM HYDROXIDE

Labelling

Corrosive

Dangerous for the environment

Risk Phrases

R35	Causes severe burns.
R50	Very toxic to aquatic organisms.
R31	Contact with acids liberates toxic gas.

Safety Phrases

S24/25	Avoid contact with skin and eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S45	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
S57	Use appropriate containment to avoid environmental contamination.
S60	This material and its container must be disposed of as hazardous waste.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

N,N-Dimethyltetradecylamine N-oxide — 1-5%

CAS-No.: 3332-27-2 EC No.: 222-059-3

Classification (EC 1272/2008)	Classification (67/548/EEC)
Acute Tox. 4 - H302	Xn;R22.
Skin Irrit. 2 - H315	Xi;R38,R41.
Eye Dam. 1 - H318	N;R50.
Aquatic Acute 1 - H400	

SODIUM HYDROXIDE — 5-10%

CAS-No.: 1310-73-2 EC No.: 215-185-5

Classification (EC 1272/2008)	Classification (67/548/EEC)
Met. Corr. 1 - H290	C;R35
Skin Corr. 1A - H314	

SODIUM HYPOCHLORITE SOLUTION, ... % Cl ACTIVE — 1-5%

CAS-No.: 7681-52-9 EC No.: 231-668-3

Classification (EC 1272/2008)	Classification (67/548/EEC)
EUH031	C;R34.
Skin Corr. 1B - H314	N;R50.
Aquatic Acute 1 - H400	R31.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention.

Ingestion

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Rinse mouth thoroughly. Drink plenty of water. Get medical attention immediately!

Skin contact

Remove affected person from source of contamination. Rinse the skin immediately with lots of water. Continue to rinse for at least 15 minutes and seek medical attention.

Eye contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

General information

If adverse symptoms develop as described the casualty should be transferred to hospital as soon as possible.

Inhalation

Upper respiratory irritation.

Ingestion

Chemical burns.

Skin contact

Burns can occur.

Eye contact

May cause blurred vision and serious eye damage.

4.3. Indication of any immediate medical attention and special treatment needed

Treat Symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

The product is non-combustible. Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

When heated, vapours/gases hazardous to health may be formed.

Specific hazards

Fire creates: Corrosive gases/vapours/fumes of: Chlorine.

5.3. Advice for firefighters

Special Fire Fighting Procedures

Involvement in fire may release toxic fumes of Chlorine. Use self contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Do not discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Stop leak if possible without risk. DO NOT touch spilled material! Absorb in vermiculite, dry sand or earth and place into containers. Flush area with plenty of water. Do not let washing down water contaminate ponds or waterways.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid spilling, skin and eye contact.

7.2. Conditions for safe storage, including any incompatibilities

Storage Class

Corrosive storage.

7.3. Specific end use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
SODIUM HYDROXIDE	WEL				2 mg/m3	

WEL = Workplace Exposure Limit.

Ingredient Comments

OES = Occupational Exposure Standard.

8.2. Exposure controls

Protective equipment

Hand protection

Use full length gloves.

Eye protection

Wear full-face visor or shield.

Other Protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid Clear
Colour	Pale Yellow.
Odour	Chlorine.
Solubility	Miscible with water
Relative density	1.150 - 1.170 20

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Generates toxic gas in contact with acid.

10.2. Chemical stability

Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions

Gives off Hydrogen by reaction with base metals such as zinc and aluminium. Exothermic reaction with water and with acids.

10.4. Conditions to avoid

Avoid heat. Avoid contact with acids.

10.5. Incompatible materials

Materials To Avoid

DO NOT use on aluminium, zinc and other similar metals

10.6. Hazardous decomposition products

Irritating fumes carried by fire

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information

No information available.

Inhalation

Not relevant at normal room temperatures. When heated, corrosive vapours may be formed.

Ingestion

May cause severe internal injury.

Skin contact

Causes severe burns.

Eye contact

Causes severe burns.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Dangerous for the environment if discharged into watercourses.

12.1. Toxicity

No information available

12.2. Persistence and degradability

Degradability

The product solely consists of inorganic compounds which are not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential

Not expected to bioaccumulate

12.4. Mobility in soil

Mobility:

The product is soluble in water.

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

General	Full protective clothing should be worn when handling this product.

14.1. UN number

UN No. (ADR/RID/ADN)	1719
UN No. (IMDG)	1719
UN No. (ICAO)	1719

14.2. UN proper shipping name

Proper Shipping Name	CAUSTIC ALKALI LIQUID, N.O.S. (contains SODIUM HYDROXIDE/SODIUM HYPOCHLORITE)

14.3. Transport hazard class(es)

ADR/RID/ADN Class	8
ADR/RID/ADN Class	Class 8: Corrosive substances.
ADR Label No.	8
IMDG Class	8
ICAO Class/Division	8

Transport Labels

14.4. Packing group

ADR/RID/ADN Packing group	II
IMDG Packing group	II
ICAO Packing group	II

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

14.6. Special precautions for user

Emergency Action Code	2X
Hazard No. (ADR)	80

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

FOAMCHLOR

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical Safety Assessment

SECTION 16: OTHER INFORMATION

General information

This information is given in good faith and is based upon current available data. The suitability of this product for any particular use is not suggested. The user must determine if the product is correct for any particular application. This document is not a specification. Conforms to 1907/2006/EC

Revision Date	30.09.2013
Revision	07
SDS No.	674 (467)
Date	15.10.2013

Risk Phrases In Full

R34	Causes burns.
R35	Causes severe burns.
R31	Contact with acids liberates toxic gas.
R22	Harmful if swallowed.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R50	Very toxic to aquatic organisms.

Hazard Statements In Full

H318	Causes serious eye damage.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
EUH031	Contact with acids liberates toxic gas.
H302	Harmful if swallowed.
H290	May be corrosive to metals.
H400	Very toxic to aquatic life.